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INTELLECTUAL PROPERTY LAW

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GROUP 1600**FACSIMILE COVER SHEET**

November 6, 2002

Receiver: Examiner Monika B. Sheinberg
United States Patent and Trademark Office
Art Unit 1631

TEL #: (703) 306-0511

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Sender: Lauren L. Stevens
Reg. No: 36,691

Re: Patent Application No.: 09/718,685
Filed: November 21, 2000
Our Docket No.: CYTOP007C2

Pages Including Cover Sheet(s): 7

MESSAGE:

Please see attached. Thank you.

CONFIDENTIALITY NOTE

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Vaisberg et al.

Attorney Docket No.: CYTOP007C2

Application No.: 09/718,685

Examiner: Sheinberg, Monika B.

Filed: November 21, 2000

Group: 1631

Title: DATABASE SYSTEM INCLUDING
COMPUTER FOR PREDICTIVE
CELLULAR BIOINFORMATICS

Confirmation No.: 5849

#13/C
Plunkett
11/7/02**CERTIFICATE OF FACSIMILE TRANSMISSION**I hereby certify that this correspondence is being transmitted by facsimile
(703) 308-4242 to the U.S. Patent and Trademark Office on November 6, 2002.

Signed: _____

Laura M. Dean

AMENDMENT CCommissioner for Patents
Washington, D.C. 20231

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Dear Sir:

In response to the Office Action dated July 16, 2002 for which the period of response extends to November 16, 2002 with payment of the appropriate fees, please amend the above-identified patent application as follows:

In the Claims:

Please **replace** claim 40 with the following **amended** claim that has the corresponding number.

40. (Thrice Amended) A computer program product for mapping a plurality of cells from a plurality of different cell lines of different cell types after applying a manipulation to said plurality of cells, based upon a statistical analysis of a morphological value, said computer program product comprising:

code for capturing a morphological value from each of said plurality of manipulated cells for each of said plurality of different cell lines;
code for assigning a degree of presence for each of said morphological values;